

IMPROVEMENT PROJECT RESOURCES

Energy



Kentucky Energy Efficiency Program for Schools (KEEPS) [<http://louisville.edu/kppc/keeps>]
KEEPS helps Kentucky schools districts and higher educational institutions reduce energy consumption and operating expenses through a seven-step process, utilizing tools, curriculum, training, coaching, and technical expertise.



Kentucky NEED Project [www.need.org]
Offers teacher training and K-12 energy curriculum with hands-on activities that are aligned to the Core Content and Program of Studies. Also, Kentucky NEED can help your students develop their energy improvement project.

Green Spaces



Developing an Outdoor Learning Area – A Kentucky Guide

This guide outlines how to develop features in outdoor learning areas. It also contains links to websites that provide even more detailed information on how to construct specific features. Electronic copy available at <http://keec.ky.gov/outdoorareas.htm>.

Guide to Creating, Using, and Maintaining Outdoor Classrooms

This guide helps teachers, parents and students get organized to create an outdoor classroom, understand how that classroom can be used to reach the academic expectations, and how the school and community can work together to make it a useful and sustainable learning tool. Electronic copy available at <http://keec.ky.gov/Outdoor%20classroom%20guide.pdf>.

Schoolyard Habitat Guide

The Schoolyard Habitat program helps teachers and students create wildlife habitat on school grounds. This electronic copy contains a Kentucky specific index.
<http://www.jefferson.k12.ky.us/Departments/EnvironmentalEd/SchoolyardHabGd/schoolydhabgd.html>

Hazardous Chemicals



EPA Integrated Pest Management for Schools: A How-to Manual

The manual contains basic information about IPM in schools, details on developing an IPM Program, and IPM strategies for managing common pests in schools.
<http://www.epa.gov/pesticides/ipm/schoolipm/index.html>

EPA Schools Chemical Cleanout Campaign (SC3)

This FREE web-based tool kit helps schools start chemical management programs that will improve their chemical management practices by:

- Removing inappropriate, outdated, unknown and unnecessary chemicals from schools;
- Preventing future chemical mismanagement issues in schools through training, curriculum and policy change, and long-term management solutions; and
- Raising awareness of chemical issues in schools and promoting sustainable solutions.
<http://www.epa.gov/epaoswer/osw/conserv/clusters/schools/toolkit.htm>



Successful School Mercury Reduction and Collection Program – Examples

http://www.mercuryinschools.uwex.edu/act/collect_pgm.htm

Healthy & Safety



HealthierUS School Challenge

The objective of this program is to recognize schools that take specific steps to improve their programs and address obesity and to encourage other schools to follow their lead.

HealthierUS Schools can be certified as either: Bronze, Silver, or Gold Schools, according to standards established by FNS.



School Breakfast Program (SBP)

Kentucky was one of the original pilot states in this program. Today, over 1,300 public, private, and parochial schools and residential child care institutions provide a daily breakfast to almost 190,000 students in Kentucky.

<http://www.kde.state.ky.us/KDE/Administrative+Resources/Nutrition+and+Health+Services/Nutrition+Programs/School+Breakfast+Program+SBP.htm>

Indoor Air Quality

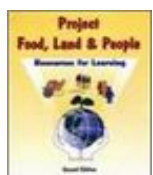


EPA Indoor Air Quality Tools for Schools Kit

This FREE kit provides guidance and tools to help resolve current IAQ problems, prevent future IAQ problems, and maintain good indoor air quality in your school.

To order call 1-800-438-4318 or online at www.epa.gov/iaq/schools/actionkit.html

Instructional Leadership



Project Food, Land & People promotes approaches to learning to help people better understand the interrelationships among agriculture, the environment and people of the world.

[<http://www.kyagr.com/marketing/ageducation/flp.htm>]



Project Learning Tree (PLT) is an award-winning environmental education program designed for teachers and other educators working with students in pre-kindergarten through grade 12. The PLT activity guides are correlated to Kentucky's Program of Studies and Core Content. PLT uses the forest as a "window" into natural and built environments, helping people gain an awareness and knowledge of the world around them and their place in it. It teaches students how to think, not what to think. [<http://www.forestry.ky.gov/programs/education/plt/>]



Project WET is a nonprofit water education program and publisher for educators and young people ages 5-18. The program facilitates and promotes awareness, appreciation, knowledge, and stewardship of water resources through the dissemination of classroom-ready teaching aids.

[http://keec.ky.gov/project_wet.htm]



Project WILD and Project WILD Aquatic are interdisciplinary conservation and environmental education programs emphasizing wildlife. These programs are designed for educators of kindergarten through twelfth grade. Project WILD capitalizes on the natural interest that children and adults have in wildlife by providing hands-on activities that enhance student learning in all subject and skill areas. Project WILD Project WILD Aquatic educational materials are provided to educators through practical, interactive workshops.

<http://www.kdfr.state.ky.us/navigation.asp?cid=176&NavPath=C117>

Solid Waste



Bluegrass PRIDE (Personal Responsibility In a Desirable Environment) provides environmental resources and information to schools, community groups, local governments and citizens in Central Kentucky. PRIDE's campaigns focus on water quality and solid waste.

[\[http://www.kentuckypride.com\]](http://www.kentuckypride.com)



Eastern Kentucky PRIDE [\[http://www.kypride.org/\]](http://www.kypride.org/)

The PRIDE Environmental Education Outreach Program is available in 38 counties. The outreach program sends a PRIDE liaison into elementary schools to lead fun, educational lessons about the environment.

Tools to Reduce Waste in Schools

With this guide you will learn how to start a waste reduction program or expand an existing one. The guide will show you how your program can benefit your school, your community, and the environment by reducing, reusing, and recycling your waste. Electronic copy available at

<http://www.epa.gov/epaoswer/education/toolkit.htm>.

Transportation



Clean School Bus USA [\[http://www.epa.gov/otaq/schoolbus/index.htm\]](http://www.epa.gov/otaq/schoolbus/index.htm)

The Division of Air Quality would be happy to help schools get involved with this program. The Clean School Bus program works with fleet managers to minimize idling, retrofit existing diesel buses with particulate traps, incorporate Ultra Low Sulfur Diesel fuel and replace the oldest buses in the fleet with newer, less polluting models. Grant funding is available for this program.



Safe Routes to School [\[http://www.saferoutes.ky.gov/\]](http://www.saferoutes.ky.gov/)

Today, less than fifteen percent of children walk or bicycle to school. The sharp decline in walking and bicycling effects traffic congestion, air quality and student safety around schools. SRTS addresses these concerns and provides resources to establish a program in your community!

Water



Rain Garden Manual [\[http://www.bluegrassraingardenalliance.org/?q=node/11\]](http://www.bluegrassraingardenalliance.org/?q=node/11)

A step-by-step guide to creating a rain garden.